AUTODOC CLUB

How to change rear brake discs on **Mercedes W204** – replacement guide

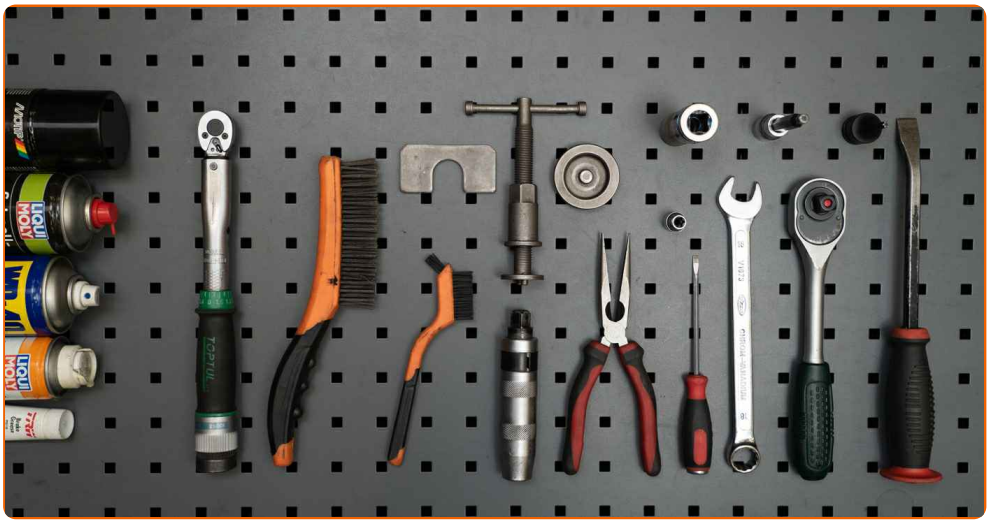
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
MERCEDES-BENZ C-Class T-modell (S204) C 250 CGI (204.247), MERCEDES-BENZ C-Class Saloon (W204) C 180 CDI (204.000), MERCEDES-BENZ C-Class Saloon (W204) C 200 CDI (204.001), MERCEDES-BENZ C-Class Saloon (W204) C 250 CDI 4-matic (204.082), MERCEDES-BENZ C-Class T-modell (S204) C 180 CGI (204.249), MERCEDES-BENZ C-Class T-modell (S204) C 250 CDI 4-matic (204.282), MERCEDES-BENZ C-Class Coupe (C204) C 220 CDI (204.302), MERCEDES-BENZ C-Class Coupe (C204) C 180 (204.349), MERCEDES-BENZ C-Class Coupe (C204) C 250 (204.347), MERCEDES-BENZ C-Class T-modell (S204) C 180 CDI (204.200), MERCEDES-BENZ C-Class Saloon (W204) C 200 (204.048), MERCEDES-BENZ C-Class Saloon (W204) C 200 CDI (204.007, 204.006), MERCEDES-BENZ C-Class Saloon (W204) C 180 Kompressor (204.046), MERCEDES-BENZ C-Class Saloon (W204) C 200 Kompressor (204.041), MERCEDES-BENZ C-Class Saloon (W204) C 230 (204.052), (+ 44)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – MERCEDES W204.
TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Electronic spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #18
- Torx bit E10
- Torx bit T30
- HEX bit no.H7
- Wheel impact socket #17
- Ratchet wrench
- Flat screwdriver
- Impact screwdriver
- Long nose pliers
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

AUTODOC recommends:

- Replace the brake disks on the car Mercedes W204 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Mercedes W204 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

4 Raise the car.

Replacement: brake discs – Mercedes W204. AUTODOC experts recommend:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

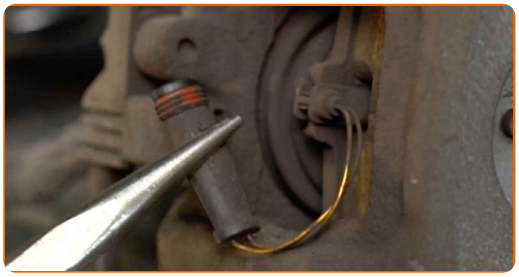
5 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Mercedes W204

6 Remove the wheel.

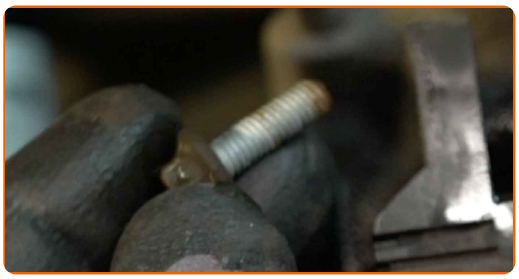
7 Detach the connector of the brake pad wear sensor. Use long nose pliers.



8 Clean the fasteners of the brake pad wear sensor wiring harness. Use a wire brush. Use WD-40 spray.

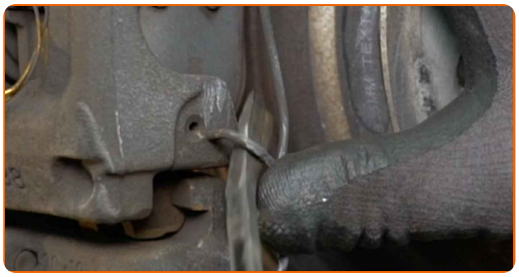
9 Unscrew the fasteners of the brake pad wear sensor wiring harness. Use Torx E10. Use a ratchet wrench.

10 Remove the fastening bolt.



11 Detach the brake pad wear sensor wiring harness.

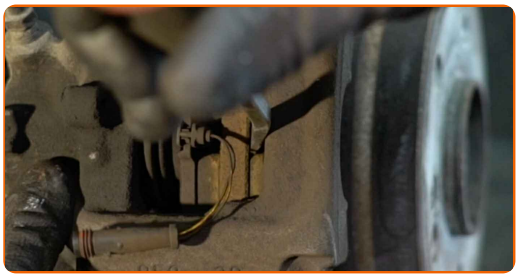
12 Detach the brake caliper retaining spring. Use a crowbar.



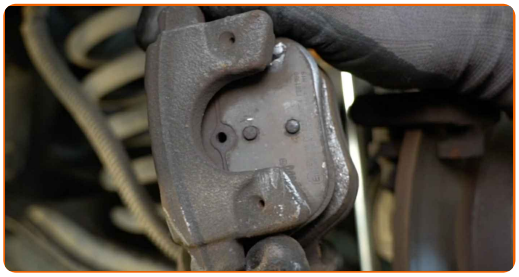
13 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

14 Unscrew the brake caliper fasteners. Use HEX No.H7. Use a ratchet wrench.

15 Spread the brake pads. Use a crowbar.



16 Remove the brake caliper.



Replacement: brake discs – Mercedes W204. AUTODOC experts recommend:

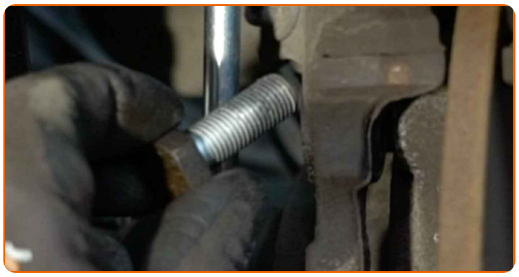
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

17 Remove the brake pads.

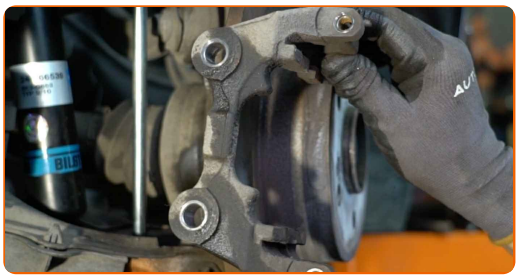
18 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

19 Unscrew the brake caliper bracket fasteners. Use a combination spanner #18.

20 Remove the fastening bolts.



21 Remove the caliper bracket.



22 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.

23 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

24 Remove the fastening bolt.

25 Release the parking brake adjuster. Use a flat screwdriver.

26 Remove the brake disc.

27 Clean the hub. Use a wire brush. Use all-purpose cleaning spray.

28 Treat the contacting surface. Use ceramic grease.

29 Install the brake disc.

30 Install the fastening bolt.

31 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 10 Nm torque.

32 Set the parking brake adjuster in the correct position. Use a flat screwdriver.

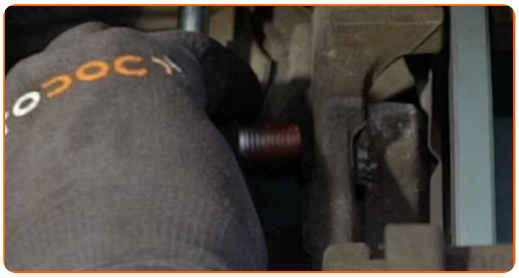
33 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

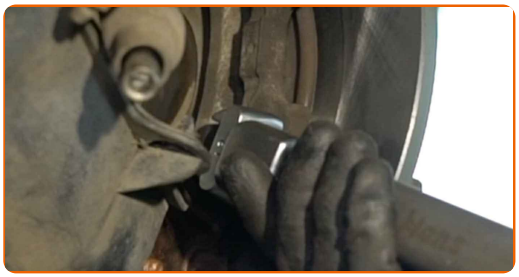
- Replacement: brake discs – Mercedes W204. After applying the spray, wait a few minutes.

34 Install the brake caliper bracket.

35 Install the fastening bolts.



36 Tighten the brake caliper bracket fasteners. Use a combination spanner #18. Use a torque wrench. Tighten it to 115 Nm torque.

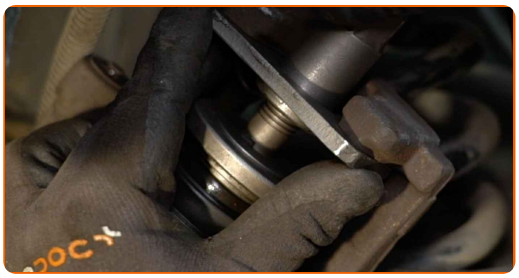


37 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

38 Press in the brake caliper piston. Use brake caliper wind back tool.



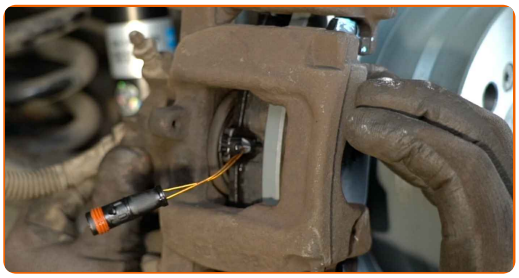
39 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

Replacement: brake discs – Mercedes W204. AUTODOC experts recommend:

- Make sure the disc surface is clean before installing the pads.

40 Install the brake pads.

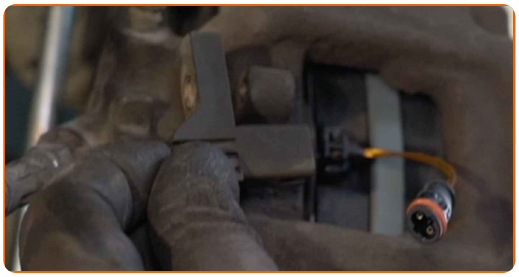
41 Install the brake caliper and fix it.



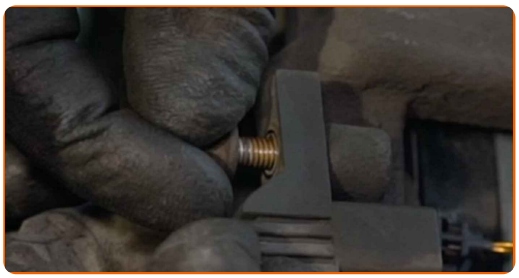
42 Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 25 Nm torque.

43 Install the dust boot caps of the brake caliper guide pins.

44 Attach the brake pad wear sensor wiring harness.

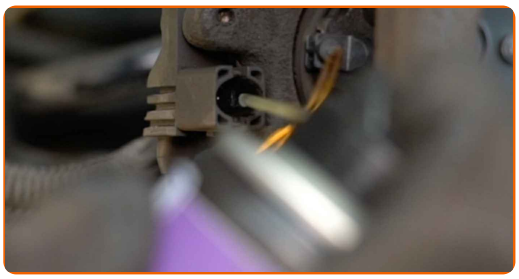


45 Install the fastening bolt.



46 Tighten the fasteners of the brake pad wear sensor wiring harness. Use Torx E10. Use a torque wrench. Tighten it to 8 Nm torque.

47 Treat the brake pad wear sensor plug. Use dielectric grease.



48 Attach the connector of the brake pad wear sensor. Install the brake caliper retaining spring.

49 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.

50 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

51 Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Mercedes W204

52 Screw in the wheel bolts. Use wheel impact socket #17.

53 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 130 Nm torque.

54 Remove the jacks and chocks.

Replacement: brake discs – Mercedes W204. AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

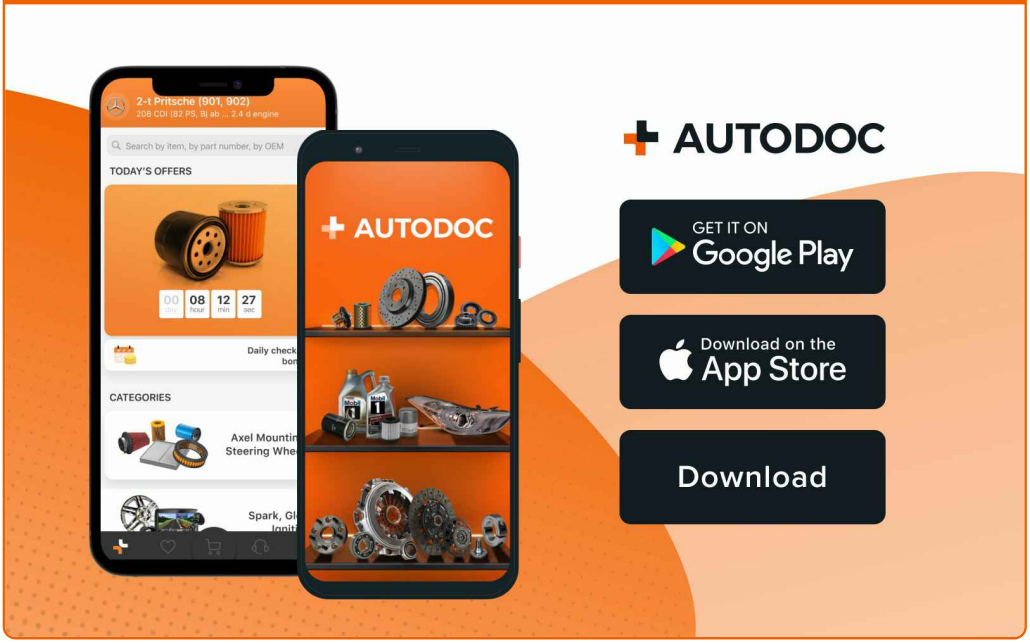
55 Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BUY SPARE PARTS FOR MERCEDES

BRAKE DISCS: A WIDE SELECTION

CHOOSE CAR PARTS FOR MERCEDES W204

BRAKE DISCS FOR MERCEDES: BUY NOW

BRAKE DISCS FOR MERCEDES W204: THE BEST DEALS & OFFERS

ⓘ DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.